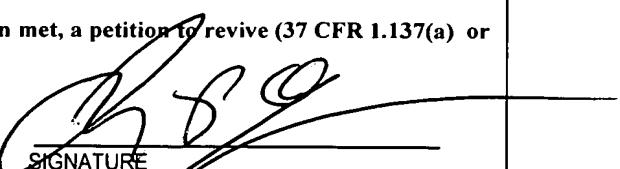| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371	**FRESKGARD8**
	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) **10/518056**

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY CLAIMED
PCT/DK03/000417	**June 20, 2003**	**June 20, 2002**

TITLE OF INVENTION
MICROARRAYS DISPLAYING ENCODED MOLECULES

APPLICANT(S) FOR DO/EO/US

Per-Ola FRESKGARD et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. [X] This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. [ ] This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. [X] This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. [ ] The US has been elected (Art 31).
5. [X] A copy of the International Application as filed (35 U.S.C. 371(c)(2))
   a. [ ] is attached hereto (required only if not transmitted by the International Bureau).
   b. [X] has been communicated by the International Bureau.
   c. [ ] is not required, as the application was filed in the United States Receiving Office (RO/US).
6. [ ] An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
   a. [ ] is attached hereto.
   b. [ ] has been previously submitted under 35 U.S.C. 154(d)(4).
7. [X] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
   a. [ ] are transmitted herewith (required only if not transmitted by the International Bureau).
   b. [ ] have been communicated by the International Bureau.
   c. [ ] have not been made; however, the time limit for making such amendments has NOT expired.
   d. [X] have not been made and will not be made.
8. [ ] An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. [ ] An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. [ ] An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. [ ] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. [ ] An Assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. [ ] A FIRST preliminary amendment.
14. [X] An Application Data Sheet under 37 CFR 1.76.
15. [ ] A substitute specification.
16. [ ] A change of power of attorney and/or address letter.
17. [ ] A computer-readable sequence form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. [ ] A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. [ ] A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4)
20. [X] Other items or information:
    [X] Courtesy copy of the International Application as filed.
    [X] Courtesy copy of the first page of the International Publication (WO 2004/001042 A2).
    [X] Formal drawings, 18 sheets, Figures 1-6.
    [X] Courtesy Copy of the International Search Report.
    [X] The application is (or will be) assigned to: Nuevolution A/S whose address is Ronnegade 8, 5, DK-2100, Kobenhavn O, Denmark.

U.S. APPLICATION NO. (If known,see 37 CFR 1.5)	International Application No.	Attorney's Docket No.
10/518056	**PCT/DK03/000417**	**FRESKGARD8**

21. The following fees are submitted:	CALCULATIONS PTO USE ONLY

[xx] a) BASIC FILING FEE...$300.00

[ ] b) EXAMINATION FEE..$200.00

[ ] c) SEARCH FEE...$500.00

TOTAL OF ABOVE CALCULATIONS :	$300.00	

[ ] Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is $250 for each additional 50 sheets of paper or fraction thereof

TOTAL SHEETS	EXTRA SHEETS	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
53 - 100	/50		X $250.00		

Surcharge of **$130.00** for furnishing the oath or declaration later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | $ | |

CLAIMS	Number Filed	Number Extra	Rate		
Total Claims	- 20 =		X $ 50.00	$	
Independent Claims	- 3 =		X $200.00	$	
Multiple Dependent Claims (if applicable)		+ $360.00		$	
		TOTAL OF ABOVE CALCULATIONS =		$300.00	

Reduction of ½ for filing by small entity, if applicable. Applicant claims small entity status. See 37 CFR 1.27.	$150.00	
SUBTOTAL =	$150.00	

Processing fee of **$130.00** for furnishing the English translation later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | $ | |

TOTAL NATIONAL FEE =	$150.00	

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). **$40.00** per property + | $ | |

TOTAL FEES ENCLOSED =	$150.00	
	Amount to be: refunded	$
	charged	$

a. [ ] A check in the amount of $_____ to cover the above fees is enclosed.

b. [X] Credit Card Payment Form (PTO-2038), authorizing payment in the amount of $150.00, is attached. **At this time no authorization is given to charge any additional fees relating to extra claims, etc. However, if a deficiency exists in the basic filing fee, i.e. the fee necessary to prevent abandonment of this application, please charge said deficiency in the filing fee to Deposit Account No. 02-4035.**

c. [ ] Please charge my Deposit Account No. **02-4035** in the amount of $_____ to cover the above fees.
      A duplicate copy of this sheet is enclosed.

d. [ ] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **02-4035**. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

Direct all correspondence to the address associated with **CUSTOMER NUMBER 001444**, which is currently:

BROWDY AND NEIMARK, P.L.L.C.
624 NINTH STREET, N.W., SUITE 300
WASHINGTON, D.C. 20001

TEL: (202) 628-5197
FAX: (202) 737-3528
Date of this submission: **December 16, 2004**

SIGNATURE
Iver P. Cooper
NAME
28,005

REGISTRATION NUMBER

IPC:ccw